

What is claimed is:

1. A device for measuring ionic activity which
5 comprises:

a block of insulating material having a hollow space
therein, a solution-receiving surface area in which a
pair of openings for receiving a sample solution and a
reference solution separately are provided, said openings
10 connecting with the hollow space, a plurality of solu-
tion-supplying surface areas in each of which a pair of
openings for supplying outside the sample solution and
the reference solution separately are provided, said
openings connecting with the hollow space;

15 a bridge member provided on the solution-receiving
surface area for electrically bridging the sample solu-
tion received in one opening and the reference solution
received in another opening;

20 a guide member placed in the hollow space which as-
sists to transmit separately the sample solution received
in the opening in the solution-receiving surface area to
the openings on the solution-supplying surface areas for
the supplying outside the sample solution and the refer-
ence solution received in the opening in the solution-
25 receiving surface area to the openings on the solution-
supplying surface areas for the supplying outside the
reference solution;

and

30 a plurality of ion selective electrodes having an
ion selective membrane thereon each of which is placed on
the solution-supplying surface area under such condition
that the ion selective membrane is brought into contact
with the sample solution and the reference solution sepa-
rately.

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2. The device of claim 1, wherein the guide member is a partition which is placed in the hollow space to guide separately the sample solution and the reference solution.

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3. The device of claim 1, wherein the guide member comprises a pair of porous liquid-transmitting materials placed in the hollow space, one of which transmits the sample solution and another of which transmits the reference solution.

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4. The device of one of claim 1, wherein the block is in the form of a rectangular parallelepiped having a upper surface on which the solution-receiving surface area is arranged, and other surfaces including a bottom surface and side surfaces on at least two of which the solution-supplying surface area is arranged.

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5. The device of one of claim 1, wherein the block is in the form of a horizontally extended rectangular parallelepiped having a upper surface on which the solution-receiving surface area is arranged, a bottom surface, and side surfaces, the plurality of the solution-supplying surface areas are arranged on at least one of these surfaces.

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6. The device of claim 1, wherein the block is in the form of a vertically extended rectangular parallelepiped having a upper surface on which the solution-receiving surface area is arranged, and other surfaces including a bottom surface and side surfaces on at least two of which the solution-supplying surface area is arranged.

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2. The device of claim 1, wherein the guide member is a partition which is placed in the hollow space to guide separately the sample solution and the reference solution.

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4. The device of claim 1, wherein the block is in the form of a rectangular parallelepiped having a upper surface on which the solution-receiving surface area is arranged, and other surfaces including a bottom surface and side surfaces on at least two of which the solution-supplying surface area is arranged.

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5. The device of claim 1, wherein the block is in the form of a horizontally extended rectangular parallelepiped having a upper surface on which the solution-receiving surface area is arranged, a bottom surface, and side surfaces, the plurality of the solution-supplying surface areas are arranged on at least one of these surfaces.

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6. The device of claim 1, wherein the block is in the form of a vertically extended rectangular parallelepiped having a upper surface on which the solution-receiving surface area is arranged, and other surfaces including a bottom surface and side surfaces on at least two of which the solution-supplying surface area is arranged.

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